

文 献

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Summary

An old tree of *Mucuna sempervirens* Hemsl. (= *M. japonica* Nakai, Airatobikazura in Japanese) is growing in wild at Aira, Kumamoto Prefecture. This tree has been treated as the one of the Special Natural Monuments of the nation since 1952. Old people in the locality say that it is very rare species and also curious with its rarity in flowers. So they believe that whenever it blooms, they should accept the flowering as the fetal sign of national accident. However, in these several years it has bloomed every spring. They also say that no one can see a fruit of this tree.

Fertilization experiment for this tree was carried out by the authors since 1962. Though in 1963 and 1964 being not able to succeed to obtain any fruit, they gained in 1962 only one fruit and the other two in 1965. After the tests of several methods on the capacity in fruit-bearing, it was confirmed that the artificial pollination was most useful. On the fruit obtained in 1962, Ohwi studied and determined it as *Mucuna sempervirens* Hemsl. and on the same one, the authors studied its anatomy which was already reported.

On the one of the fruits obtained in 1965, its germination test was carried out and its leaf bud was observed in June, 1966. It is confirmed that these seeds produced by artificial pollination had still germinative activity.

□伊田弘実: 大山の花 14×10, 白黒とカラー写真をとり混ぜて(上) 84 (下) 102図, (上) 1964 (下) 1965, 米子市観光協会。価各¥300。鳥取県の名山大山の植物ガイド・ブックで、3月から10月まで、月別に編集され白黒と原色写真をとりませ、各頁だいたい2種類をあつめ、対照頁は説明や記事になつてゐる。下巻の終りには大山概念図という登山コース地図がある。写真はよく写つていて、ことに同山特有のダイセンクワガタ、ダイセンオトギリ、ダイセンコゴメグサなどよく写してある。関東や中部の山々を中心とした類書ばかり刊行されている現在、目新しいところがある。あえてこの山に行かれの人たちに紹介する。

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